Meeting notes

30/12/2021 Physical Meeting

I explained about the workflow of the web portal to my supervisor, and the fact that I started to draft a document.

16/12/2021 Physical Meeting

I explained about my difficulties of working on capstone project because of examinations. I tried to implement the capstone project as much as possible

26/10/2021 Online

I updated the progress of web portal; I was fixing bugs related to adding students to a subject.

We discussed about the potential of jupyter notebook.

06/10/2021 Online

Supervisor checked about my ongoing tasks for the FYP, I suggested the following

1. web portal with authorisation (as middleware) and authentication using keycloak
2. make forms for crud of keycloak management
3. embed prometheus and grafana to web portal
4. embed markdown editor (hedgedoc) to the portal for instruction manual drafting
5. study ways to do milestone code checking

I mentioned about Google qwiklabs, which is an online learning platform to learn different tasks related to Google cloud platform. Supervisor asked if it can be integrated to shinyproxy, I explained this is unlikely to happen because it was technically very difficult, implementing a new portal using React framework will have better chance.

29/09/2021 Online

Supervisor requested to study the example of Katacoda, see if a milestone checking function when constructing a lab is workable to the virtual lab.

We discussed the Grafana dashboard, I suggested to use the opensource project grafanalib to write automation related to grafana dashboard generation for different subjects

We discussed batch user creation and user deletion problem, that whether I should implement my own way to perform the operations.

01/09/2021 Online

I updated on manual drafting tool, HedgeDoc:

1. codimd project was migrated to HedgeDoc because of historical reason (some repository confusion produced by hackmd dev team), so the update continues at HedgeDoc repository

2. HedgeDoc does not support copying code to clipboard at current stable version, but latest dev version supports this, and preview is available.
https://ui-test.hedgedoc.org/n/features
Which means there should be some code for me to just copy the clipboard feature to current project source code without writing it from scratch

3. I am still figuring out how to configure, build and deploy the project correctly.

Wheat Field with Cypresses

HedgeDoc

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147 Another task: after a1, 20d

Sequence Diagram (deprecated)